INFORMATION DISCLOSURE CITATION

PTO-1449

ATTORNEY'S DKT NO.	APPLICATION NO.
032266-003	09/591,466
APPLICANT: Von Schaewen, Antje	
FILING DATE: June 9, 2000	GROUP: 1655

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes	Translation No
JS	WO 92/09694		PCT				
JS	WO 96/21038		PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JS	Chemical Abstracts 119: 245692f
	Chemical Abstracts 120: 294245s
	EML-Genbank AC B24856
4	EML-Genbank AC AC000098
5	Altmann, F., et al. "Processing of asparagine-linked oligosaccharides in insect cells. N-acetylglucosaminyl transferase I and II activities in cultured lepidopteran cells." *Glycobiology* 3: 619-625 (1993)
6	Barton, N.W., et al. "Therapeutic response to intravenous infusions of glucocerebrosidase in a patient with Gaucher disease." *Proc Natl Acad Sci USA*. 87: 1913-1916 (1990).
7	Bevan, M. "Binary *Agrobacterium* vectors for plant transformation." *Nucl. Acids Res.* 12: 8711-8721 (1984).
8	Church, G.M., et al. "Genomic sequencing." *Proc Acad Sci USA* 81: 1991-1995 (1984)
9	Damm, B., et al. "Efficient transformation of *Arabidopsis thaliana* using direct gene transfer to protoplasts." *Mot Gen Genet.* 213: 15-20 (1989).

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	16	Deblaere, R., et al. "Efficient octopine Ti plasmid-derived vectors for *Agrobacterium* mediated gene transfer to plants." *Nucl Acids Res.* 13: 4777-4788 (1985).
	11	Dennis, J.W., et al. "β→6 branching of Asn-linked oligosaccharides is directly associated with metastasis." *Science* 236: 582-585 (1987).
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	17	Graeve, K., et al. "Purification, characterization and cDNA sequence of glucose-6-phosphate dehydrogenase from potato (*Solanum tuberosum* L.)." *Plant J.* 5: 353-361 (1994).
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	23	Kaushal, GP , et al.. "Structure and biosynthesis of plant N-linked glycans." J Preiss, Ed. The Biochemistry of Plants, Vol 14: Carbohydrates. Academic Press, San Diego, CA, (1988) pp 421-463.
	24	Koes, K., et al. "Targeted gene inactivation in petunia by PCR-based selection of transposon insertion mutants." *Proc Acad Sci USA* 92: 8149-8153 (1995).
	25	Kornfeld, R., et al. "Assembly of asparagine-linked oligosaccharides." *Annu Rev Biochem* 54: 631-664 (1985).
	26	Kumar, R., et al. "Cloning and expression of N –acetylglucosaminyltransferase I, the medial Golgi transferase that initiates complex N-linked carbohydrate formation." *Proc Natl Acad Sci USA* 87: 9948-9952 (1990).
	27	Laurière, M., et al. "Characterization of a xylose-specific antiserum that reacts with the complex asparagine-linked glycans of extracellular and vacuolar glycoproteins." *Plant Physiol.* 90: 1182-1188 (1989).

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	29	Ma, JK-C , et al. "Plant antibodies for immunotherapy." *Plant Physiol.* 109: 341-346 (1995)
	30	McKinney, E.C., et al. "Sequence-based identification of T-DNA insertion mutations in *Arabidopsis*: actin mutants *act2-1* and *act4-1*." *Plant J.* 8: 613-622 (1995).
	31	Moffat, AS . "Medical applications: Exploring transgenic plants as a new vaccine source." *Science* 268: 658-660 (1995) (summary of two original publications in the same issue)
	32	Olden, K., et al. "Function of glycoprotein glycans." *Trends Biochem* Sci 10: 78-82 (1985)
	33	Puchta, H., et al. "From centiMorgans to base pairs: homologous recombination in plants." *Plant Sci.* 1: 340-348 (1996).
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	36	Sambrook, J., et al. Molecular cloning: a laboratory manual (2nd edn), Cold Spring Harbor Laboratory, Cold Spring Harbor, NY (1989).
	37	Schmidt, T.G.M., et al. "The random peptide library assisted engineering of a C-terminal affinity peptide, useful for the detection and purification. of a functional Ig Fv fragment." *Prot Engineering*. 6: 109-122 (1993).
	38	Sorge, J., et al. "Molecular cloning and nucleotide sequence of human cerebrosidase cDNA." *Proc Natl Acad Sci USA*. 82: 7289-7293 (1985).
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	41	Sturm, A. "Heterogeneity of the complex N-linked oligosaccharides at specific glycosylation sites of 2 secreted carrot glycoproteins." *Eur J Biochem* 199: 169-179 (1991).
	42	Taylor, CB. "Comprehending cosuppression." *Plant Cell* 9: 1245-1249 (1997)(summary of several original publications in the same issue)
	43	Van der Wilden, M., et al. "The endoplasmic reticulum of mung bean cotyledons: role in the accumulation of hydrolases in protein bodies during seedling growth." *Plant Physiol.* 66: 390-394 (1980)
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	45	Von Schaewen, A., et al. "Expression of a yeast-derived invertase in the cell wall of tobacco and *Arabidopsis* plants leads to accumulation of carbohydrate, inhibition of photosynthesis and strongly influences growth and phenotype of transgenic tobacco plants." *EMBO J.*. 9: 3033-3044 (1990).
		Von Schaewen, A., et al. "Isolation of a mutant *Arabidopsis* plant that lacks N-acetyl glucosaminyl transferase I and is unable to synthesize Golgi-modified complex N-linked glycans." *Plant Physiol.* 102: 1109-1118 (1993).

EXAMINER	DATE CONSIDERED
J. Goldberg	6/26/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.